

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method of displaying a multi-mode stereoscopic image, comprising the steps of:

displaying video signals obtained by photographing an object at a different angles on a display unit;

generating a mode signal for assigning a stereoscopic mode or a plane mode;

~~separating a picture displayed on the display unit into~~ selectively transmitting a left-eye picture and a right-eye picture of a picture displayed on the display unit by an application of first and second voltages having a different voltage level, such that the left-eye picture and a the right-eye picture being are incident to the left eye and the right eye of an observer in the stereoscopic mode; and, while transmitting the picture displayed on the display unit toward the observer as it is by application of a third voltage other than the first and second voltages in the plane mode.

2. (Currently Amended) A multi-mode stereoscopic image displaying apparatus, comprising:

an image signal converter for combining video signals obtained by photographing an object at different angle;

a display device for the video signals received from the image signal converter as a picture; and

a variable color barrier, facing to the display device, for selectively transmitting a left-eye picture and a right-eye picture of the picture on the display device in response to first and second voltages set to a different voltage level, such that the left-eye picture and the right-eye picture are incident to the left-eye and the right-eye of an observer, in a stereoscopic mode, while transmitting said picture ~~on the display device~~ as it is in response to a third voltage other than said first and second voltages in a plane mode, said barrier ~~being spaced from the display device by a predetermined distance and~~ having a plurality of first color filters and a plurality of second color filters alternated with each other ~~in a manner such that adjacent pixels~~ in order to have a complementary color relationship.

3. (Original) The multi-mode stereoscopic image display apparatus according to claim 2, wherein the variable color barrier is arranged at the front side of the display device.

4. (Previously Presented) The multi-mode stereoscopic image display apparatus according to claim 2, wherein the variable color barrier is arranged

at the rear side of the display device.

5. (Original) The multi-mode stereoscopic image display apparatus according to claim 2, wherein the variable color barrier is a liquid crystal display panel adopting any one of an electrically controlled birefringence (ECB) mode and a guest-host (GH) mode.

6. (Original) The multi-mode stereoscopic image display apparatus according to claim 2, further comprising:

a mode conversion controller for receiving a user instruction and generating a mode signal for assigning the stereoscopic mode or the plane mode in accordance with the user instruction;

a voltage source for generating said first, second and third voltages; and

a switch connected between the variable color barrier and the voltage source to apply said first, second and third voltages to the variable color barrier in response to the mode signal.

7. (Currently Amended) A multi-mode stereoscopic image displaying apparatus, comprising:

an image signal converter for combining video signals obtained by photographing an object at different angle;

a display device for displaying the video signals received from the image signal converter;

a color barrier having first color filters and second color filters for selectively transmitting a left-eye picture and a right-eye picture, such that the left-eye picture and the right-eye picture are incident to the left eye and the right eye of an observer, the first color filters and the second color filters being alternated with each other in a manner such that adjacent pixels in order to have a complementary color relationship; and

a light-scattering device, being arranged between the display device and the color barrier, for transmitting an incident light as it is[[,]] in response to a first voltage in a stereoscopic mode and scattering said incident light in response to a second voltage other than said first voltage in a plane mode.

8. (Original) The multi-mode stereoscopic image display apparatus according to claim 7, wherein the light-scattering device includes a polymer-dispersed liquid crystal (PDLC).

9. (Original) The multi-mode stereoscopic image display apparatus according to claim 7, further comprising:

a mode conversion controller for receiving a user instruction and generating a mode signal for assigning the stereoscopic mode or the plane mode in accordance with the user instruction;

a voltage source for generating said first and second voltages; and

a switch connected between the variable color barrier and the voltage

source to apply said first and second voltages to the variable color barrier in response to the mode signal.